

# Received

SEP 14 2005

## TRANSMITTAL

GOODWIN-LASITER, INC.  
ENGINEERS-ARCHITECTS-SURVEYORS  
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COLLEGE STATION, TEXAS 77845  
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Development & Engineering  
Services

To: City of Bryan  
300 S. Texas Avenue  
Bryan, Texas 77803

DATE: September 14, 2005

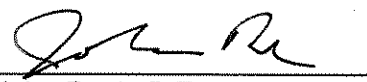
Attn: Paul Kaspar, P.E.  
(Hand Delivery)

Re: **City of Bryan - Downtown Rehabilitation Project Phase II**  
**City of Bryan Job No. 700-DE-0403**

We are sending you herewith the following:

Copies	Description
1	Sealed - Construction Cost Estimate (for pedestrian related items)

NOTE: For your review. After review, if items need to be removed or added to meet criteria we will change accordingly.

  
\_\_\_\_\_  
John Rusk, P.E.  
Project Manager

NGC/600007/2.0 (w/ copy of estimate)

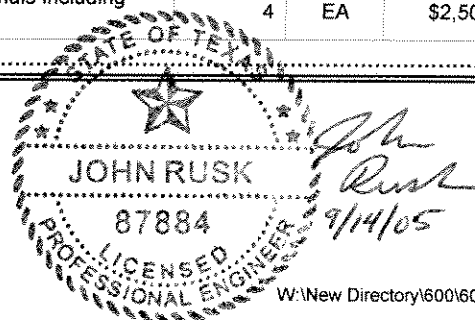
# City of Bryan Downtown Rehabilitation Project

SUBJECT: Pedestrian Related Items and Cost Estimate - Downtown Phase II  
 G-L # 600007  
 DATE: 9/12/2005  
 CLIENT: City of Bryan

SHEET 1  
 OF 3  
 BY: NGC  
 CHKD: JIR

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
<b>Demolition Items</b>					
1	Remove & dispose of existing sidewalk and related items, complete in place	7,938	SY	\$11.10	\$88,111.80
2	Remove, store and relocate existing street lights, including removing existing foundation 1' below proposed finished grade, new foundation, base, pole, fixture, related items & appurtenances, complete in place	38	EA	\$1,500.00	\$57,000.00
3	Remove & dispose of existing traffic signage, including base, pole, sign, related items & appurtenances, complete in place	49	EA	\$32.50	\$1,592.50
4	Remove & relocate existing traffic signals, poles including base, pole, mast arm, signal, related items & appurtenances, complete in place	4	EA	\$7,500.00	\$30,000.00
5	Remove & dispose of existing streetscape items including brick pavers, potted plants, landscape planters, related items & appurtenances, complete in place	1	LS	\$10,000.00	\$10,000.00
6	Remove & dispose of existing power poles including backfilling power pole cavities with cement stabilized sand after all proposed electrical work is completed & in service	52	EA	\$1,000.00	\$52,000.00
7	Remove and dispose of existing sidewalk drain, including related items and appurtenances, complete in place	15	EA	\$500.00	\$7,500.00
8	Remove existing trees including roots in project area, complete in place	17	EA	\$800.00	\$13,600.00
9	Existing traffic signal control box to be removed & reset, including related items and appurtenances, complete in place	1	EA	\$1,500.00	\$1,500.00
12	Remove & dispose of existing light poles and bases, removing foundation 1' minimum below proposed finished grade including related appurtenances, complete in place	28	EA	\$1,500.00	\$42,000.00
13	Driveway removal - saw cut to full depth including related items and appurtenances, complete in place	26	LF	\$100.00	\$2,600.00
14	Existing sprinkler system to be removed and disposed, complete in place	1	EA	\$800.00	\$800.00
<b>Sub-Total.....</b>					<b>\$306,704.30</b>
<b>Paving And Traffic Items</b>					
1	4 1/2" concrete sidewalk including subgrade compaction to 98% standard proctor density @ optimum moisture content, complete in place	9,674	SY	\$60.00	\$580,440.00
2	Stamped concrete including coloring and standard brick herringbone pattern, including related items & appurtenances, complete in place	900	SY	\$100.00	\$90,000.00
3	High curb including related items & appurtenances, complete in place	170	LF	\$25.00	\$4,250.00
4	ADA handicap ramps including related items & appurtenances, complete in place	105	EA	\$750.00	\$78,750.00
5	Standard brick pavers including subgrade preparation, sand, tack coat, leveling, including related items & appurtenances, complete in place	1,055	SY	\$72.00	\$75,960.00
6	4" thermoplastic striping for handicap isle hatching including related items & appurtenances, complete in place	27	EA	\$110.00	\$2,970.00
7	4" thermoplastic handicap legend pavement markings including related items & appurtenances	24	EA	\$90.00	\$2,160.00
8	Stop signs for project including bases, poles, brackets, signs, including related items & appurtenances, complete in place	11	EA	\$800.00	\$8,800.00
9	Traffic signal foundations for relocation of existing traffic signals including related items & appurtenances, complete in place	4	EA	\$2,500.00	\$10,000.00
<b>Sub-Total.....</b>					<b>\$853,330.00</b>

continued on sheet 2



# City of Bryan Downtown Rehabilitation Project

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SHEET 2  
 OF 3  
 BY: NGC  
 CHCKD: JIR

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
<b>Architectural/Landscaping Items</b>					
1	Crepe Myrtle "Cherokee" including fertilization, mulch, related items & appurtenances, complete in place	17	EA	\$175.00	\$2,975.00
2	American Elm (Dutch Elm Resistant Variety) including structural soil, fertilization, mulch, related items & appurtenances, complete in place	43	EA	\$1,500.00	\$64,500.00
3	Asian Jasmine including fertilization, mulch, related items & appurtenances, complete in place	1,979	EA	\$2.00	\$3,958.00
4	Planting area preparation, including natural soil, drain system w/4" SDR 26 PVC perforated pipe with siltation protection sleeve, 4" SDR 26 PVC (solid) pipe w/insert tee connection to storm sewer trunk line (cement stabilized backfill, compacted to 98% ASTM D-698 for pipe beneath parking & roadway areas)	55	EA	\$1,200.00	\$66,000.00
5	3/4" Schedule 40 PVC irrigation piping including related valves, items, & appurtenances, complete in place	4,453	LF	\$4.00	\$17,812.00
6	4" Schedule 40 PVC sleeve for irrigation piping including cement stabilized backfill compacted to 98% ASTM D-698 (below parking & roadway)	4,453	LF	\$10.00	\$44,530.00
7	Irrigation dripline emitters connected to 3/4" irrigation line with plant/tree areas including related items & appurtenances, complete in place	58	EA	\$700.00	\$40,600.00
8	3/4" irrigation system water meter including connection to existing 12" water main, related items & appurtenances, complete in place	2	EA	\$2,500.00	\$5,000.00
9	Irrigation system timer and controller including related items & appurtenances, complete in place	2	EA	\$2,000.00	\$4,000.00
10	Backflow preventer/pressure reducing valve assembly including related cover, valves, fittings, items & related appurtenances, complete in place	2	EA	\$3,500.00	\$7,000.00
11	Project benches (FR-7 Goblet Series 6' Bench by Victor Stanley w/IPE Slats) including related items & appurtenances, complete in place	27	EA	\$700.00	\$18,900.00
12	Project trash receptacles (PSO 24 Pro Tone 24-Gallon Litter) including related items & appurtenances, complete in place	17	EA	\$700.00	\$11,900.00
13	Concrete stairs, landings, railings, walls, including related items & appurtenances, complete in place	14	EA	\$3,500.00	\$49,000.00
14	Dumpsters and dumpster enclosure including related items & appurtenances, complete in place	3	EA	\$5,000.00	\$15,000.00
15	Galvanized steel vine screen including including bases, support railings, lateral wiring & related items & appurtenances, complete in place	164	LF	\$200.00	\$32,800.00
<b>Sub-Total.....</b>					<b>\$383,975.00</b>
<b>Electrical Items</b>					
1	2 1/2" Sch. 40 PVC, installed underground per drawings and specifications	5,600	LF	\$8.50	\$47,600.00
2	2" Sch. 40 PVC, installed underground per drawings and specifications	3,280	LF	\$8.00	\$26,240.00
3	1 1/2" Sch. 40 PVC installed underground per drawings and specifications	2,720	LF	\$6.50	\$17,680.00
4	1 1/4" Sch. 40 PVC installed underground per drawings and specifications	6,880	LF	\$6.25	\$43,000.00
5	1" Sch. 40 PVC installed underground per drawings and specifications	21,070	LF	\$6.00	\$126,420.00
6	12 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	46,000	LF	\$0.50	\$23,000.00
7	10 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	124,000	LF	\$0.60	\$74,400.00
8	8 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	33,000	LF	\$0.70	\$23,100.00

continued on sheet 3

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**SHEET** 3  
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9	6 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	2,620	LF	\$0.80	\$2,096.00
10	4 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	3,130	LF	\$0.90	\$2,817.00
11	3 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	2,480	LF	\$1.00	\$2,480.00
12	2 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	8,450	LF	\$1.10	\$9,295.00
13	1/0 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	10,700	LF	\$1.20	\$12,840.00
14	2/0 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	2,390	LF	\$1.30	\$3,107.00
15	3/0 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	18,400	LF	\$1.40	\$25,760.00
16	4/0 AWG cable, installed underground in Sch. 40 PVC per drawings and specifications	3,300	LF	\$1.50	\$4,950.00
17	32 each Christmas light and 19 each festival (event) receptacle installations per "Receptacle Mounting Detail", mounted and wired including concrete footings, box mountings, conduit, wiring, and receptacles.	1	LS	\$2,000.00	\$2,000.00
18	Light pole installation per drawings, mounted and wired including concrete footings, box mountings, conduit, wiring, and receptacles. (Light pole components less luminaires to be provided by BTU, Inc.)	96	EA	\$2,000.00	\$192,000.00
19	Concrete electrical service panel foundations, poured in place (1.6 CY ea.)	3	EA	\$2,000.00	\$6,000.00
20	Concrete operator pads adjacent to electrical service cabinet (4 CF ea.)	6	EA	\$2,000.00	\$12,000.00
21	Electrical service panel, bare, less panelboards and other devices	3	EA	\$5,000.00	\$15,000.00
<b>Sub-Total.....</b>					<b>\$671,785.00</b>
<b>TOTAL CONSTRUCTION ESTIMATE FOR PEDESTRIAN RELATED ITEMS.....</b>					<b>\$2,215,794.30</b>